

Title (en)

MOTOR VEHICLE BATTERY SUPPORTING STRUCTURE

Title (de)

KRAFTFAHRZEUGBATTERIE-UNTERSTÜTZUNGSSTRUKTUR

Title (fr)

STRUCTURE DE SUPPORT DE BATTERIE POUR VEHICULE AUTOMOBILE

Publication

EP 2308118 A1 20110413 (FR)

Application

EP 09740430 A 20090804

Priority

- FR 2009051549 W 20090804
- FR 0855490 A 20080808

Abstract (en)

[origin: WO2010015777A1] Motor vehicle battery supporting structure suitable on the one hand to be attached and fixed to the body structure (4) of this vehicle, and on the other hand to carry a battery (2), characterized in that it is in the form of a frame (10) suitable for surrounding the battery (2), the frame (10) having in its centre an opening suitable for insertion of the battery (2), and characterized in that first battery locking means (13) are provided on the frame (10) in such a way as to allow the battery (2) to be locked to and unlocked from this frame (10).

IPC 8 full level

B60K 1/04 (2006.01); **B60L 11/18** (2006.01); **B60S 5/06** (2006.01); **H01M 10/50** (2006.01); **H01M 50/244** (2021.01); **H01M 50/249** (2021.01); **H01M 50/264** (2021.01)

CPC (source: EP US)

B60K 1/04 (2013.01 - EP US); **B60L 50/64** (2019.01 - EP US); **B60L 50/66** (2019.01 - EP US); **B60L 53/80** (2019.01 - EP US); **H01M 50/24** (2021.01 - EP US); **H01M 50/244** (2021.01 - EP US); **H01M 50/249** (2021.01 - EP US); **H01M 50/264** (2021.01 - EP US); **B60K 2001/0477** (2013.01 - EP US); **H01M 50/131** (2021.01 - EP US); **Y02E 60/10** (2013.01 - EP); **Y02T 10/70** (2013.01 - EP US); **Y02T 10/7072** (2013.01 - EP US); **Y02T 90/12** (2013.01 - US); **Y02T 90/14** (2013.01 - US)

Citation (search report)

See references of WO 2010015777A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

WO 2010015777 A1 20100211; CN 102113149 A 20110629; CN 102113149 B 20170728; EP 2308118 A1 20110413; EP 2308118 B1 20130508; FR 2934927 A1 20100212; FR 2934927 B1 20110603; IL 210611 A0 20110331; IL 210611 A 20151029; JP 2011530441 A 20111222; JP 5687196 B2 20150318; US 2011139527 A1 20110616; US 8453778 B2 20130604

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